

Weekly Disease Surveillance Report

2021 Reporting Week 31 : August 1 — August 7



This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

Okaloosa COVID-19 Surge Breaking Records

Once again, COVID-19 cases have increased and community transmission is **HIGH** for the fifth week in a row. The number of new cases reported this past week is the most since the start of the pandemic. The percent of all COVID-19 tests that are positive in the past week has once again reached an all-time high for Okaloosa County at **28.4%**.

As of August 10, our local hospitals reported the highest number of individuals admitted for COVID-19 in Okaloosa since the start of this pandemic: **181** (53.2% of all staffed hospital beds). Over **93%** of those hospitalized are unvaccinated. For Week 31, respiratory syndrome was the top reason for all individuals who visited local emergency departments, with the exception of the 5-19 year old age group (page 6). The percent of all emergency department visits due to influenza-like illness (ILI) was at **5.06%**. ILI is usually around 1.0% at this time of year.

Only one way to stop this current surge - Get VACCINATED!

COVID-19 vaccines are **HIGHLY EFFECTIVE** and **SAFE**. Last week Okaloosa saw a substantial increase in the numbers of residents getting their first dose of vaccine. We have 52% of the eligible population NOT vaccinated. While this vaccine is extraordinary at its effectiveness for an individual, the protective effect of vaccines works best when the majority who are eligible get vaccinated, providing a blanket of protection around those who can't get vaccinated or whose immune systems are weakened due to serious illness. In Okaloosa County, this includes 31,000+ children who are currently not eligible for the vaccine and about 6,000 people with weakened immune systems. Protect yourself AND your family, friends, and neighbors — Make a plan to get vaccinated this week!

Contact Us:

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in Okaloosa County**

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COVID-19 Snapshot

Week 31 Review		Difference from Wk30
Resident Case Count	1317	+392
Resident Case Count per 100K Population	638	+189.9
Average Resident Cases per Day	188.1	+56
Percent Positivity	28.4%	+3.1
Deaths	9	+6
Cumulative Cases March 2020 - Feb 2021	18900	
Cumulative Cases March 2021 - Present	5782	
Cumulative Deaths March 2020 - Feb 2021	327	
Cumulative Deaths March 2021 - Present	65	

Data Source: Merlin Database

Week 31 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
HIGH	638	28.4%
PREVIOUS WEEK RISK LEVEL: HIGH		
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC [Community Indicators at the County Level](#)



COVID-19 Fully
Vaccinated =
No Quarantine

COVID-19 in Okaloosa County

Week 31: August 1 - August 7

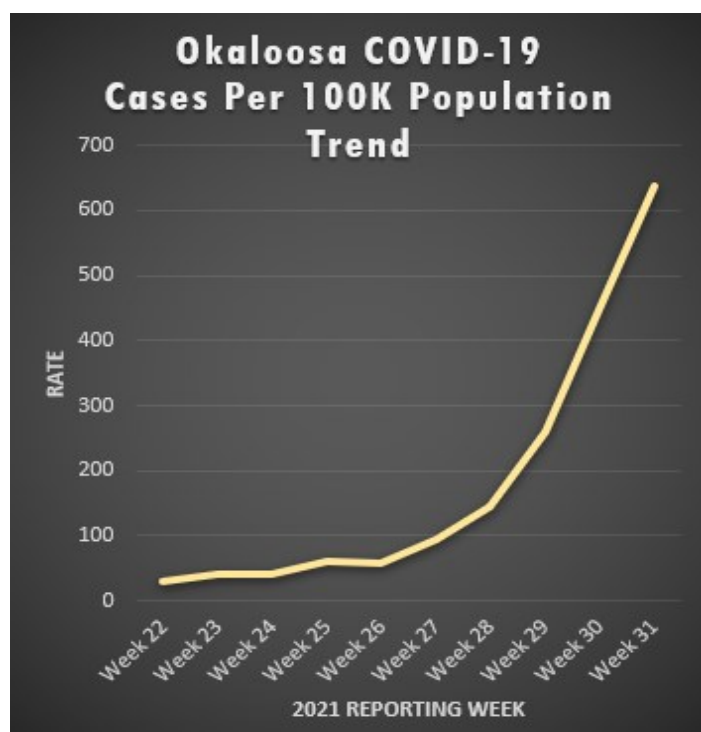
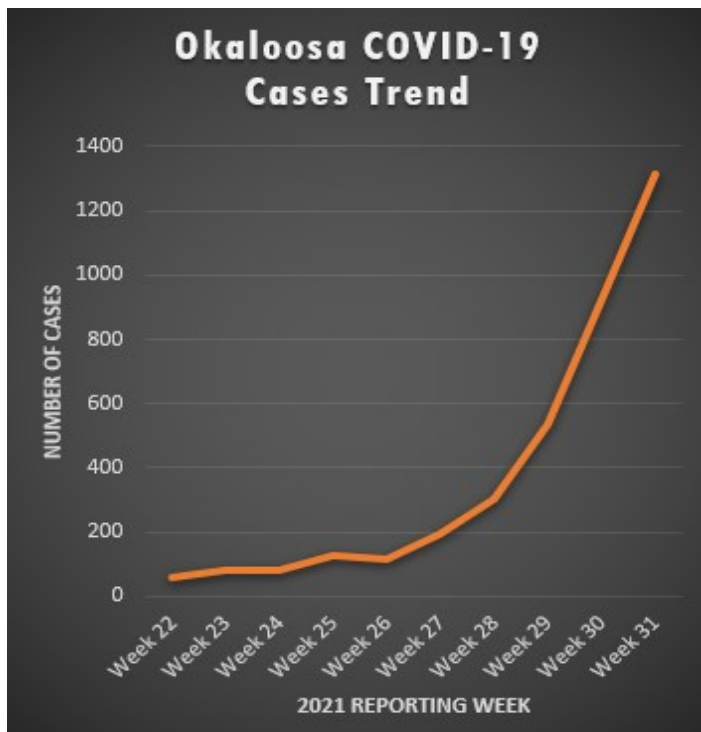
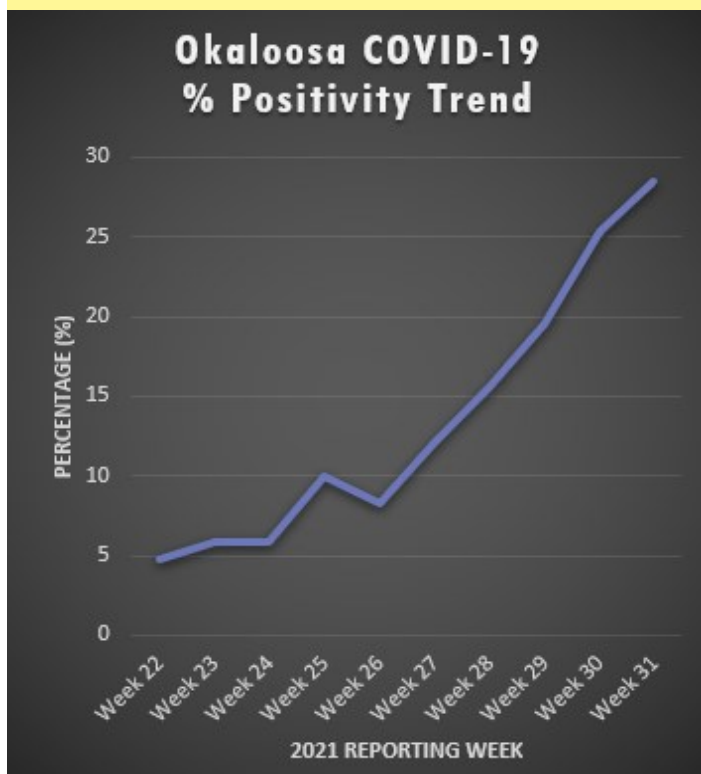


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database



Age Group	Okaloosa Resident Cases since 03/01/21 through Week 31	% by Age Group	Difference from Week 29
0-11	433	8%	+101
12-14	146	3%	+41
15-24	963	17%	+234
25-44	2193	39%	+458
45-64	1373	24%	+326
65-74	359	6%	+93
75-84	129	2%	+38
85+	79	1%	+26
Unknown	1	0%	0
Total	5676	100%	1317

Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

Data Source: Merlin Database



COVID-19 Fully
Vaccinated =
No Quarantine

COVID-19 in Okaloosa County

Week 31: August 1 - August 7

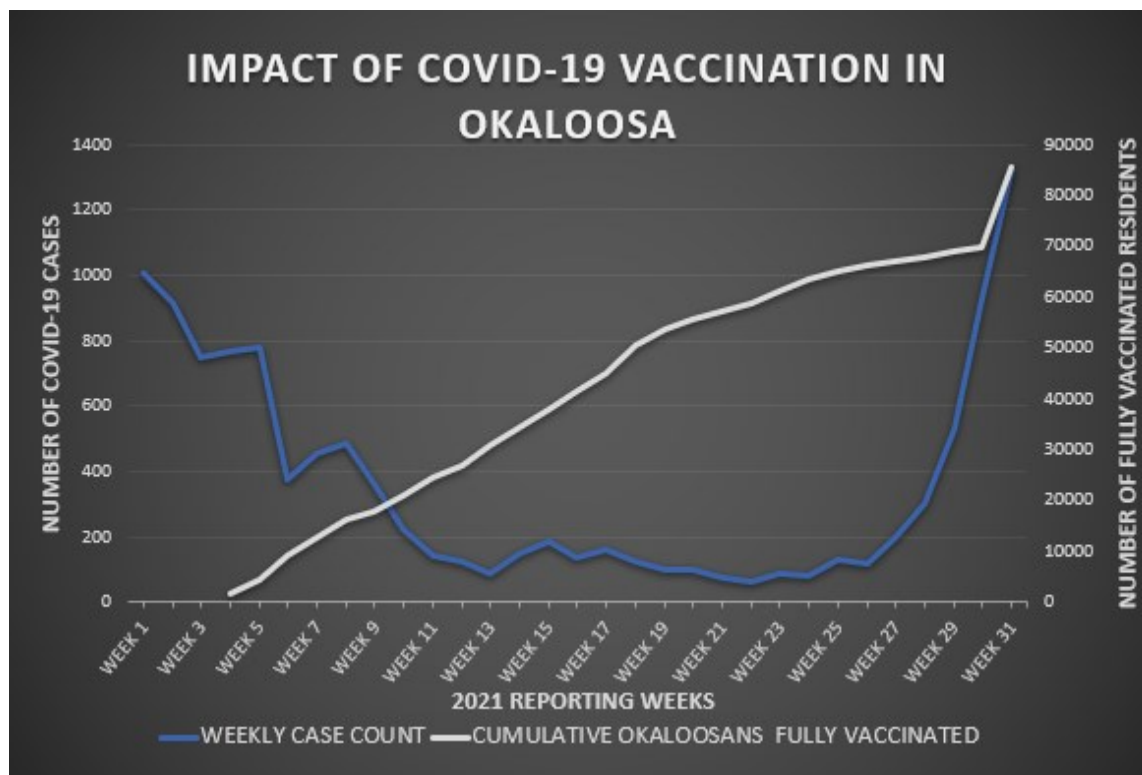


Figure 4:

Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday. Data Source: Merlin

**PERCENT OF
BREAKTHROUGH
INFECTION
IN FULLY-VACCINATED
INDIVIDUALS:**

0.23%

**PERCENT OF COVID-19
DEATHS IN
FULLY-VACCINATED
INDIVIDUALS:**

0.005%

Vaccination Impact in Okaloosa

UPDATED VACCINATION DATA RESOURCE

DOH-Okaloosa has identified that the CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from entities not reporting into FL SHOTS.

Currently FL SHOTS only represents vaccinations given by providers receiving vaccine from the FL Department of Health, retail pharmacies, or long-term care facilities.

The CDC also includes vaccinations provided at:

- Dialysis centers participating in the Federal Dialysis Center Program
- Health Resources and Services Administration partner sites
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

This will be the data source used by DOH-Okaloosa starting with Week 31 of the Weekly Disease Surveillance Report. This provides a more accurate comparison of Okaloosa to the US population.

COVID-19 Vaccinations		
VACCINATED GROUPS	OKALOOSA	US
% of Population ≥ 12 Years of Age	48.0%	58.7%
% of Population ≥ 18 Years of Age	50.8%	61.1%
% of Population ≥ 65 Years of Age	83.5%	80.4%

Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



Influenza-Like Illness

Week 31: August 1 - August 7

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.

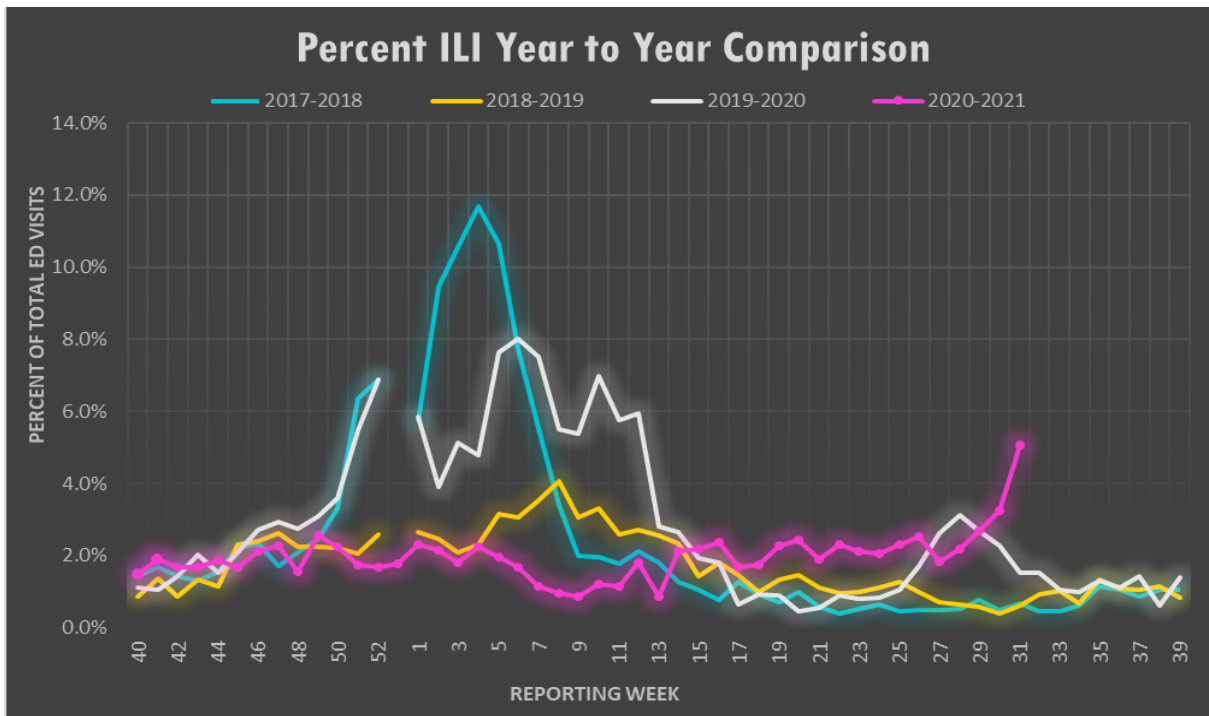


Figure 5:

Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa county for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week.

Data source:

ESSENCE

ANALYSIS: During Week 31, flu reporting partners and ESSENCE (a syndromic surveillance system) reported an increase in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County increased from 3.26% during Week 30 to 5.06% during Week 31. Over the past three weeks, four out of 99 influenza specimens submitted to the state lab were positive (3 Influenza B unspecified, 1 Influenza A/B unspecified). There were no reported ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 31 is higher than that of Week 31 last year.

Note: Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

% ILI by Age Group Week 31, 2021

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	35	230	15.22%
5-19	25	326	7.67%
20-34	38	700	5.43%
35-54	29	742	3.91%
55-74	16	648	2.47%
75+	5	269	1.86%

Data Source: ESSENCE

% of Total ILI Visits by Facility Week 31, 2021

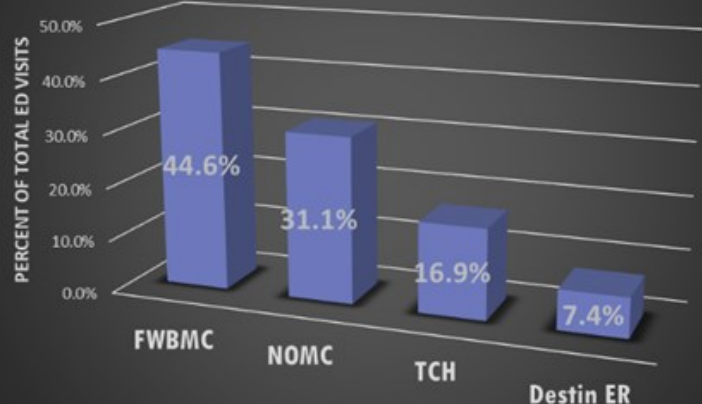


Figure 6: Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=148). Data source: ESSENCE



Syndromic Surveillance

Week 31: August 1 - August 7

Total ED Visits by Syndrome

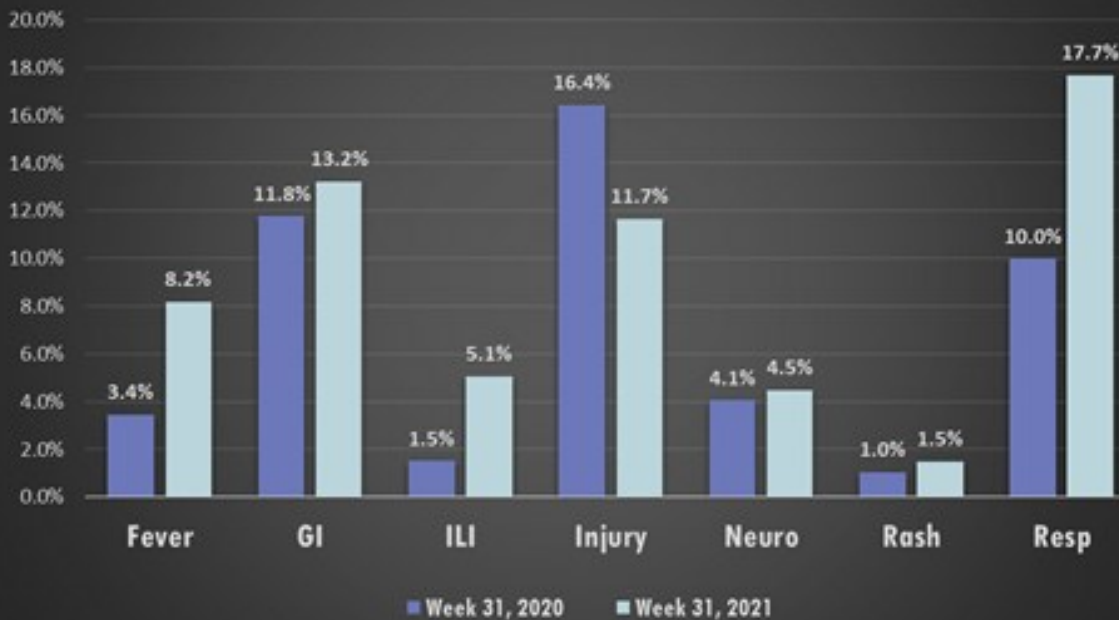
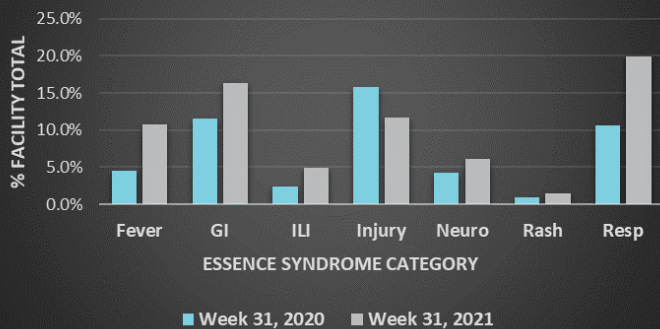


Figure 7: Hospital Emergency Department (ED) visits from 2021 Week 31 by select syndrome category. Percentages calculated based on total number of ED visits (n=2923). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

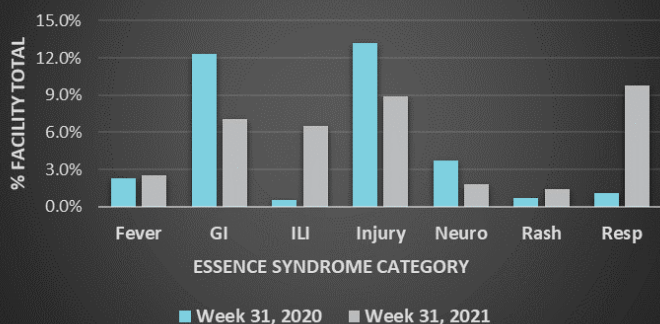
Fort Walton Beach Medical Center ED Presentations



Week 31—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER, RESP	48, 48
5-19	RESP	25
20-34	GI	72
35-54	RESP	58
55-74	RESP	52
75+	RESP	22

North Okaloosa Medical Center ED Presentations



Week 31—North Okaloosa Medical Center

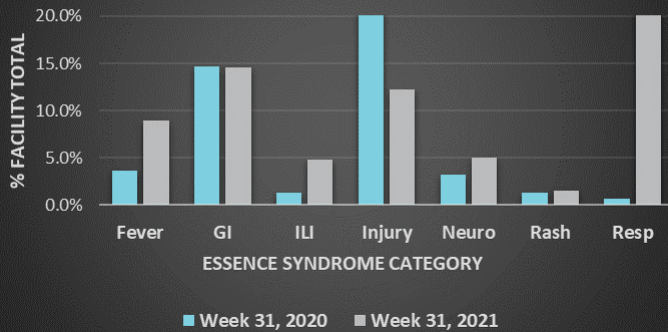
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	6
5-19	ILI	7
20-34	ILI	19
35-54	RESP	20
55-74	RESP	25
75+	RESP	8



Syndromic Surveillance

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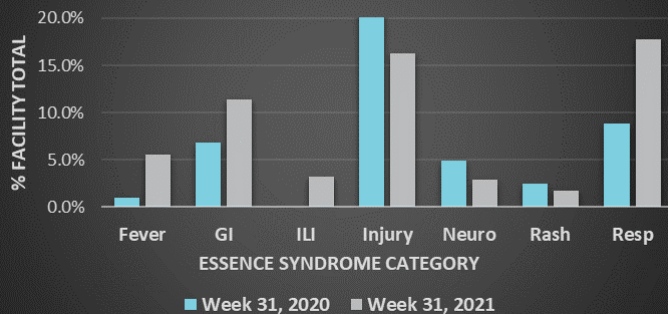
Twin Cities Hospital ED Presentations



Week 31—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	11
5-19	GI, INJURY	14, 14
20-34	RESP	32
35-54	RESP	32
55-74	RESP	17
75+	RESP	17

DestinER ED Presentations



Week 31—DestinER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	14
5-19	INJURY	17
20-34	GI	11
35-54	RESP	17
55-74	INJURY	10
75+	INJURY, RESP	5, 5

Week 31—Okaloosa County

Age Group	Top Syndrome
0-4	RESP
5-19	INJURY
20-34	RESP
35-54	RESP
55-74	RESP
75+	RESP

Data Source: ESSENCE

